UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT TO THE JULY 1984 CLASSIFICATION AND CORRELATION OF THE SOILS OF GREENE COUNTY, INDIANA

JANUARY 2005

This amendment results from digitizing the Greene County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 1

Page 7 - Revision
-Change Map Unit Symbol and Name: WcA Waupecan silt loam, rarely flooded, 0 to 2 percent slopes to WcA Waupecan silt loam, 0 to 2 percent slopes, rarely flooded

Page 8 - Addition
-Add Map Unit Symbol and Name: W - Water for water areas less than 40 acres in size and water areas more than 40 acres in size.

Page 11 – Replace the 37A dated 4/84, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

Feature	Name	Description
ESB	Escarpment, bedrock	A relatively continuous and steep slope or cliff, which was produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
LVS	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands. Levees built according to COE standards.
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently covered by water. Sedges, cattails, and rushes dominate marsh areas. Trees or shrubs dominate swamps. Typically 0.2 to 2 acres.

Feature	Name	Description
MPI	Mine or quarry	An open excavation from which soil and underlying material are removed and bedrock is exposed. Also denotes surface openings to underground mines. Typically 0.2 to 2 acres.
ROC	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock or where "Rock outcrop" is a named component of the map unit. Typically 0.2 to 2 acres.
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
SNK	Sinkhole	A closed depression formed either by solution of the surficial rock or by collapse of underlying caves. Typically 0.2 to 2 acres.
SPO	Spoil area	A pile of earthy materials, either smoothed or uneven, resulting from human activity. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

Label	Symbol_ID	Name	Description
VMS	4	Vegetated mine spoil	Area of vegetated mine spoil and includes small areas of Fairpoint soils. Typically 0.2 to 2 acres.
EAS	5	Extremely acid mine spoil	Area of extremely acid mine spoil. Typically 0.2 to 2 acres.
VSE	40	Very severely eroded spot	An area where class 4 erosion exists. The original A, E, and upper B horizons have been lost to erosion. Most areas consist of an intricate pattern of U-shaped gullies. The original soil can only be identified in areas adjacent to these very severely eroded spots. Typically 0.2 to 2 acres.
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Indiana Official 37A For
Compilation, Digitizing, and DMF
Revised June 30, 2004

Soil Survey Area: GREENE COUNTY

State: Indiana

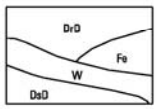
FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: JANUARY 2005

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND LABELS



STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES

- Bedrock escarpment
- Nonbedrock escarpment
- Gully
- Levee
- Short steep slope
- Blowout
- Borrow pit
- Clay spot
- Closed depression
- Gravel pit
- Gravelly spot
- Landfill
- Marsh or swamp
- Mine or quarry
- Rock outcrop
- Sandy spot
- Severely eroded spot
- Sinkhole
- Slide or slip
- Spoil area
- Stony spot
- Very stony spot
- Wet spot

AD HOC FEATURES (Describe on back)

LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VWS	4		HIL	26	
SAS	5			27	
MAS	6		SID	28	
SAS	7			29	
CAF	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUM	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UNT	44	

CULTURAL FEATURES (Optional)

BOUNDARIES

- National, state or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)
- Field sheet matchline and neatline
- Public Land Survey System Section Corner Tics

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS

- Interstate
- Federal
- State

LOCATED OBJECTS

- Airport (Label only) — Davis Airport or Airstrip

HYDROGRAPHIC FEATURES (Optional)

- Drainage end (indicates direction of flow)
- Unclassified stream

Pages 20-21 – Replace the Classification of the Soils table with the following:

Greene County, Indiana soil classification table amended per Soil Taxonomy 9th edition.
(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Alford	Fine-silty, mixed, superactive, mesic Ultic Hapludalfs
Alvin	Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
Ambraw	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Armiesburg	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
Ava	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Ayrshire	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Bartle	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
Berks	Loamy-skeletal, mixed, active, mesic Typic Dystrudepts
Bloomfield	Sandy, mixed, mesic Lamellic Hapludalfs
Bonnie	Fine-silty, mixed, active, acid, mesic Typic Fluvaquents
*Booker	Very-fine, smectitic, mesic Vertic Endoaquolls
Chetwynd	Fine-loamy, mixed, semiactive, mesic Typic Hapludults
Cincinnati	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
*Cincinnati	Fine-silty, mixed, active, mesic Fragic Oxyaquic Hapludalfs
*Cuba	Coarse-silty, mixed, active, mesic Fluventic Dystrudepts
Ebal	Fine, mixed, active, mesic Oxyaquic Hapludalfs
Elston	Coarse-loamy, mixed, active, mesic Typic Argiudolls
*Evansville	Fine-silty, mixed, acid, mesic Typic Endoaquepts
Fairpoint	Loamy-skeletal, mixed, active, nonacid, mesic Typic Udorthents
*Fairpoint	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
Gilpin	Fine-loamy, mixed, active, mesic Typic Hapludults
*Hagerstown	Fine, mixed, active, mesic Typic Hapludalfs
Haymond	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Henshaw	Fine-silty, mixed, active, mesic Aquic Hapludalfs
Hickory	Fine-loamy, mixed, active, mesic Typic Hapludalfs
*Markland	Fine, mixed, active, mesic Oxyaquic Hapludalfs
McGary	Fine, mixed, active, mesic Aeric Epiaqualfs
Montgomery	Fine, mixed, active, mesic Vertic Endoaquolls
Muskego	Coprogenous, euic, mesic Limnic Haplosaprists
Newark	Fine-silty, mixed, active, nonacid, mesic Fluventic Endoaquepts
Nolin	Fine-silty, mixed, active, mesic Dystric Fluventic Eutrudepts
Parke	Fine-silty, mixed, active, mesic Ultic Hapludalfs
*Patton	Fine, mixed, superactive, mesic Typic Endoaquolls
Pekin	Fine-silty, mixed, active, mesic Aquic Fragiudults
Peoga	Fine-silty, mixed, superactive, mesic Fragic Epiaqualfs
Piankeshaw	Fine-loamy, mixed, active, nonacid, mesic Dystric Fluventic Eutrudepts
Pike	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Princeton	Fine-loamy, mixed, active, mesic Typic Hapludalfs
*Reesville	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Rensselaer	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
*Roby	Coarse-loamy, mixed, superactive, mesic Aeric Endoaqualfs
Shakamak	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
*Steff	Coarse-silty, mixed, active, mesic Fluvaquentic Dystrudepts
*Stendal	Coarse-silty, mixed, active, acid, mesic Fluventic Endoaquepts
Udorthents	Udorthents
*Uniontown	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Vigo	Fine-silty, mixed, superactive, mesic Aeric Glossaqualfs
*Waupecan	Fine-loamy, mixed, superactive, mesic Typic Argiudolls
Wellston	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Wilhite	Fine, mixed, active, nonacid, mesic Fluvaquentic Endoaquepts
Wirt	Coarse-loamy, mixed, superactive, nonacid, mesic Dystric Fluventic Eutrudepts
Zanesville	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
*Zanesville	Fine-silty, mixed, active, mesic Fragiaquic Hapludalfs
*Zipp	Very-fine, mixed, active, nonacid, mesic Vertic Endoaquepts

The *Cincinnati taxadjunct is for map units CfD2 and CfD3.
The *Fairpoint taxadjunct is for map unit FaB only.
The *Zanesville taxadjunct is for map unit ZaA only.

GREENE COUNTY, INDIANA
AMENDMENT NO. 1

Approval Signatures

_____	_____	_____	_____
TRAVIS NEELY	Date	JANE E. HARDISTY	Date
State Soil Scientist/MLRA Leader		State Conservationist	